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Substitute for form 1449 A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Application Number : 09/868,664

Filing Date: 02/08/1999

First Named Inventor: Nichols

Group Art Unit: n/a

Examiner Name: n/a

Attorney Docket Number: 05222.00161

(Use as many sheets as necessary)

Sheet \_\_\_\_\_ of \_\_\_\_\_

U.S. PATENT DOCUMENTS					
Examiner Initials *	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
Qu.B.		US-4,622,013	11/11/1986	Cherchio	
		US- 4,874,784	10/17/1989	Clancey	
		US- 4,981,766	01/02/1990	Derr, et al.	
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		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
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		EP 0 710 942 A2	05/08/96	Siefert		
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Qu.B.		WO 98/25251	06/11/98	Ho		
Qu.B.		WO 98/32109	07/23/98	De Lange		

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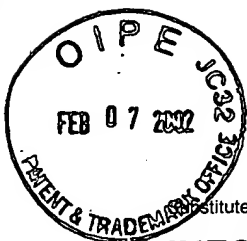
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		"Automated Exercise Progression in Simulation-Based Training," IEEE Trans. On Systems, Man, and Cybernetics, Vol. 24(6), pp. 863-74, June 1994	
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		"Developing a Design System into an Intelligent Tutoring System," Int'l J. Engr. Eud., Vol. 13(5), pp-341-46, Dec. 1997	
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Examiner Signature		Date Considered	3/3/04
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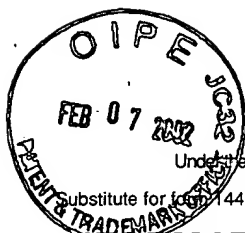
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		"Bridging the Virtual and the Physical: The InterSim as a Collaborative Support Interface," Proc. Of 1997 World Conf. On Artificial Intelligence in Education, pp. 556-58, Dec. 1997	
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		"Teaching Real-World Analysis Skills for Goal-Based Scenario," pp. 68-74	

Examiner Signature	<i>Michael A. O.</i>	Date Considered	3/3/04
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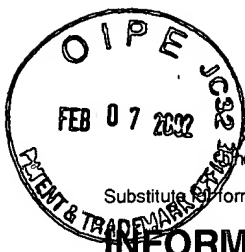
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		"The Roles of Artificial Intelligence in Education: Current Progress and Future Prospects" at <a href="http://www.nib.unicamp.br/recursos...education/intelligent-tutoring.html">http://www.nib.unicamp.br/recursos...education/intelligent-tutoring.html</a>	
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		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				

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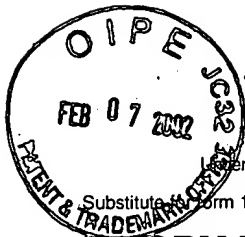
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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Application Number : 09/868,664

Filing Date: 02/08/1999

First Named Inventor: Nichols

Group Art Unit: n/a

Examiner Name: n/a

Attorney Docket Number: 05222.00161

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		"A Goal-Centered Architecture for Intelligent Tutoring Systems," Proc. Of 7th World Conf. On Artificial Intelligence in Education, pp. 307-314, Aug. 1995	
		"Smart Avatars in JackMOO," Proceedings of the 1999 IEEE Conference on Virtual Reality, pp. 156-63	
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		"Evaluating Intelligent Tutoring with Gaming Simulations," Proc. Of the 1995 Winter Simulation Conf., pp. 1376-83, Dec. 1995	
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		"Understanding Organizational Dynamics of IT-Enabled Change: A Multipedia Simulation Approach," Winter 1997/1998, Journal of Management Information Systems: JMIS, Vol. 14, No. 3, pp. 109-140.	
		"Intelligent Computer-Aided Instruction: A Survey Organized Around System Components," Jan. 1989, IEEE Inc., New York, Vol. 49, No. 1, pp. 40-57.	

Examiner Signature	<i>U. Nichols</i>	Date Considered	<i>3/8/04</i>
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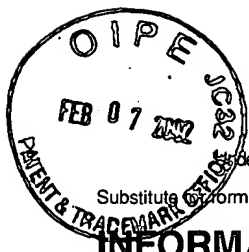


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		"Conducting and Supporting a Goal-Based Scenario Learning Environment," Educational Technology, Nov.-Dec. 1994	
		"Interface design issue for advising giving expert systems", Comm. Of the ACM, vol 30, no. 1, pp14-21	
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	1	Flexible Learning, Feb. 1998, Credit Union Management Vol. 21, No. 2, pp. 32-33+	
		"Teaching Through Case-Based Reasoning: An ITS Engine Applied to Business Communication," Proc. Of 1997 World Conf. On Artificial Intelligence in Education, pp. 111-18 Dec. 1997	
		"Train with Less Pain," Oct. 13, 1997, Informationweek No. 652, pp. 150-154	
		"Virtual Learning: A Revolutionary Approach to Building a Highly Skilled Workforce," Autumn 1998, Personnel Psychology Vol. 51, No. 3, pp. 767-71	
		"Intelligent Tutoring Systems: An Overview" at <a href="http://www.intellectbooks.com/authors/lawler/its.htm">http://www.intellectbooks.com/authors/lawler/its.htm</a>	

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*Nichols*

Date  
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First Named Inventor: Nichols

Group Art Unit: n/a

Examiner Name: n/a

Attorney Docket Number: 05222.00161

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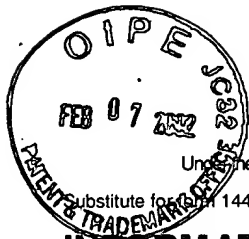
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		"No More Boring CPE," July 1997, Accounting Technology, pp. 27-35	
		Computer Dictionary, 1997, pp. 264, 276, 383, 446, 462, 507.	
		"Rule-Based Programming with OPS5" at <a href="http://www.mkp.com/books_catalog/0-934613-51-6.asp">www.mkp.com/books_catalog/0-934613-51-6.asp</a>	
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		"Using the Wizard of Oz Technique to Prototype a Scenario-Based Simulation Tutor," Proc. Of 1997 World Conf. On Artificial Intelligence in Education, pp. 458-65, Dec. 1997	
		"Using Planning Techniques to Provide Feedback in Interactive Learning Environments," Proc. Sixth Int'l Conf. On Tools with Artificial Intelligence," pp. 700-03, Nov. 1994	
		"An Electronic Infrastructure for a Virtual University," Communications of the ACM, Vol. 40, No. 9, Sep. 1997.	
		"Simulation Technology and Parallelism in Learning Environments" at <a href="http://www.to.utwente.nl/prj/min/Book/chapter1.htm">http://www.to.utwente.nl/prj/min/Book/chapter1.htm</a>	

Examiner Signature	<i>Michael W</i>	Date Considered	3/3/04
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Application Number : 09/868,664

Filing Date: 02/08/1999

First Named Inventor: Nichols

Group Art Unit: n/a

Examiner Name: n/a

Attorney Docket Number: 05222.00161

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		"Engines for Education" URL: <a href="http://www.ils.nwu.edu/~e_for_e/nodes/I-M-INTRO-ZOOMER-pg.html">http://www.ils.nwu.edu/~e_for_e/nodes/I-M-INTRO-ZOOMER-pg.html</a> ; viewed Feb. 15, 1999.	
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		"Teaching with the internet" 1998, JAI Press Inc., USA. Vol no. 3, pp 217-222	
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		"Authoring Intelligent Tutoring Systems: An Analysis of the State of the Art" at <a href="http://www.cs.umass.edu/~tmurray/papers/ATSummary/AuthTools.html">http://www.cs.umass.edu/~tmurray/papers/ATSummary/AuthTools.html</a>	
	/	Multimedia Training "Get Lemonade, Not a Lemon!" June 1997, Journal for Quality and Participation vol. 20, No. 3, pp. 22-26	
		"SMART Evaluation: Cognitive Diagnosis, Mastery Learning & Remediation," Proc. Of 7th World Conf. On Artificial Intelligence in Education, pp. 123-30, Aug. 1995	
	//	"Decision Pro3.0" at <a href="http://www.vanguardsw.com/">www.vanguardsw.com/</a>	

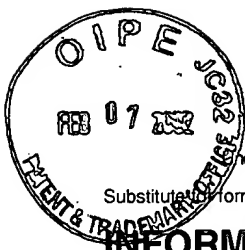
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Application Number : 09/868,664

Filing Date: 02/08/1999

First Named Inventor: Nichols

Group Art Unit: n/a

Examiner Name: n/a

Attorney Docket Number: 05222.00161

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		"A Fuzzy Logic-Based Intelligent Tutoring System," Information Processing 92, Vol. II, pp. 66-72, Dec. 1992.	
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		"Automate Your Business Plan" at <a href="http://www.business-plan.com/screen2.html">www.business-plan.com/screen2.html</a>	
		"Kiplinger TaxCut Press Releases" at <a href="http://www.taxcut.com/taxcut/98press_releases/pr98_nowshipping.html">http://www.taxcut.com/taxcut/98press_releases/pr98_nowshipping.html</a>	
		"TurboTax Deluxe Product Information" at <a href="http://www.intuit.com/turbotax/prodinfo/tldlx.html">http://www.intuit.com/turbotax/prodinfo/tldlx.html</a>	
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		"Goal-Based Scenarios", Technical Report # 36, Northwestern University, The Institute for the Learning Sciences, December 1992, pp. 1-30	

Examiner Signature	<i>Michael</i>	Date Considered	3/3/04
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		"A Role for AI in Education: Using Technology to Reshape Education", Northwestern University, The Institute for the Learning Sciences, Journal of Artificial Intelligence in Education, Winter 1990, January 1990, pp. 1-24 and 2 pgs. of references	
		"The Design of Goal-Based Scenarios", Technical Report # 39, Northwestern University, The Institute for the Learning Sciences, March 1993, pp. 1-58	

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